ORDER NO.MEL0010045C3

# Service Manual

## Washing Machine

## NA-F42J2T / NA-F60H / NA-F5000T

## SPECIFICATIONS

**Specifications**

| MODEL | NA-F42J2T | NA-F60H | NA-F5000T |
|---|---|---|---|
| Power Source | AC 220V ~ 240V 50 Hz | | |
| Dimension | Width | Depth | Height |
| | 582 mm | 620 mm | 870 mm |
| Water Level Selector (Standardized Water Amount) | | Water Load | Cloth Load |
| | Height | 53 litres | 49 litres |
| | Medium | 41 litres | 37 litres |
| | Low | 34 litres | 32 litres |
| | Extra Low | 18 litres | 17 litres |
| Standardized Water Consumption (Normal) | 140 litres | | |
| Operating Water Pressure | 0.3 ~ 10 kgf / cm2 (8 ~ 25 litres / min) | | |
| Pulsator r.p.m | 120 r.p.m | | |
| Spin r.p.m | 820 r.p.m | | |
| Machine Weight | 29 Kg | | |

| MODEL | NA-F42J2T NA-F60H NA-F5000T |
|---|---|
| Power Consumption (Motor) | Input 320w, Output 160w |
| Safety Switch | Lid and Unbalance Switch |
| Buzzer | Cycle End Buzzer, Give an Alarm |
| Thermal Protector | Motor |
| Rinse Case Softener Dispenser | 0 |
| Bleach Inlet | 0 |
| Lint Filter | 0 |
| Auto Power Off | 0 |
| Accessories | ● Pressure Hose<br>● Feed Valve Joint A Unit<br>● Wash Board<br>● Service Hose B Unit (0.8m)<br>● Anti-rat protection base |

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**⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

National

**IMPORTANT SAFETY NOTICE**

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

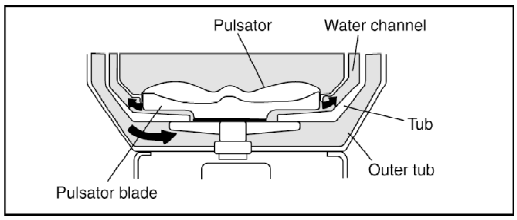
# 1. FEATURE AND TECHNICAL EXPLANATION

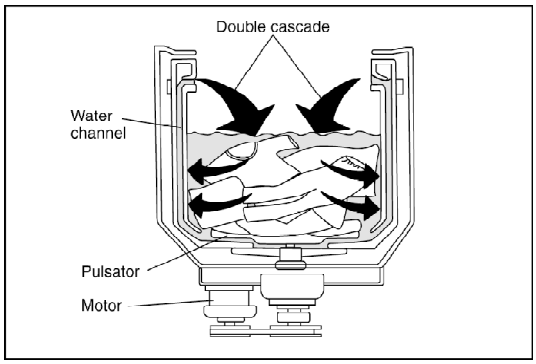
## 1.1. ■ [The Double Cascade] Structure and Washability

**- Structure of the Double Cascade**

**The wash water circulates from the bottom upward and shoot out of two openings like waterfalls.**

**Spining blades below the tub act as a centrifuge to force water upward.**



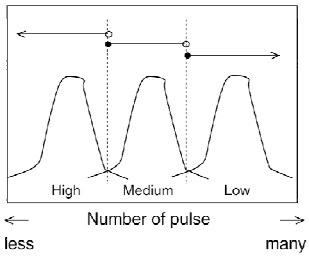




## 1.2. ■ Weight Sensor

**Sense by inertia movement on pulsator which create changes at the capacitor terminals which give a wave signal. This wave is change to number of frequency and load weight is judge by this number of pulse.**

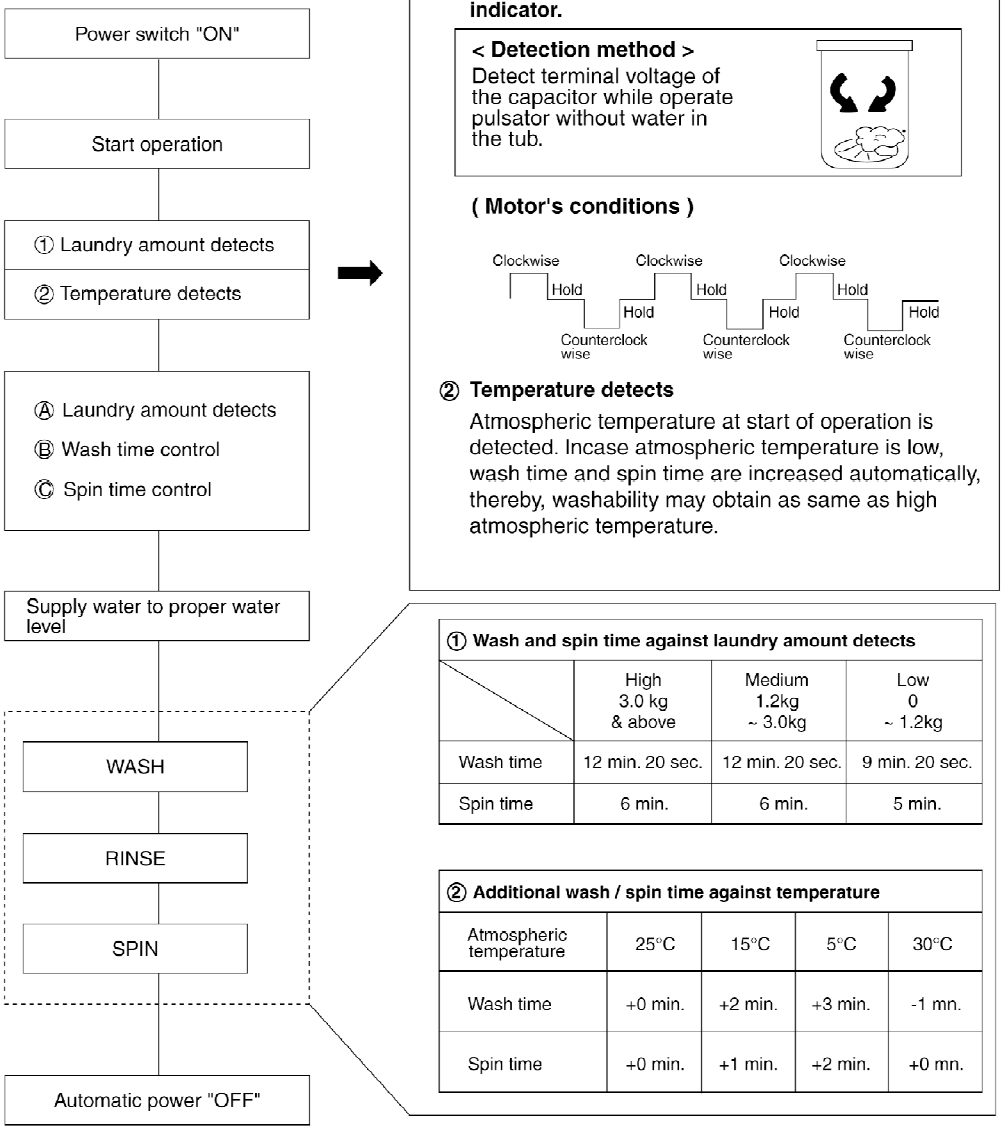
**For normal course, strong course before weight, process start without water, the pulsator will turn for 4.2 sec. (left and right) (0.3 sec. ON - 0.4 OFF). During motor "OFF" time it will count the number of edges on the pulse and judgement is base on the total accumulation. But, if water in the tub is more than reset level, the water level indication will always go to "High".**

(1) Number of pulse and weight relation.




## 1.3. ■ Fuzzy sensor control

**Control system based on fuzzy logic detects the amount of laundry and indicates the proper water level and recommended amount of detergent.**


Power switch "ON"
Start operation
① Laundry amount detects
② Temperature detects
Ⓐ Laundry amount detects
Ⓑ Wash time control
Ⓒ Spin time control
Supply water to proper water level
WASH
RINSE
SPIN
Automatic power "OFF"
① Laundry amount detects and detetgent volume indicator.
< Detection method >
Detect terminal voltage of the capacitor while operate pulsator without water in the tub.
( Motor's conditions )
Clockwise
Hold
Counterclock wise
② Temperature detects
Atmospheric temperature at start of operation is detected. Incase atmospheric temperature is low, wash time and spin time are increased automatically, thereby, washability may obtain as same as high atmospheric temperature.

**① Wash and spin time against laundry amount detects**

| | High 3.0 kg & above | Medium 1.2kg ~ 3.0kg | Low 0 ~ 1.2kg |
|---|---|---|---|
| Wash time | 12 min. 20 sec. | 12 min. 20 sec. | 9 min. 20 sec. |
| Spin time | 6 min. | 6 min. | 5 min. |

**② Additional wash / spin time against temperature**

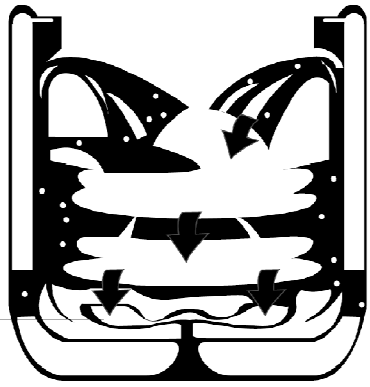
| Atmospheric temperature | 25°C | 15°C | 5°C | 30°C |
|---|---|---|---|---|
| Wash time | +0 min. | +2 min. | +3 min. | -1 mn. |
| Spin time | +0 min. | +1 min. | +2 min. | +0 mn. |

# HOME DRY CARE

**Even clothing marked with the dry cleaning label can be washed in water if it is the type that keeps its shape as long as it is not subject to friction.**

**When clothes are mounted on the Washboard Unit, they stay still as they are washed.**

The Washboard Unit, installed inside the tub protects the laundry against the friction of the pulsator.



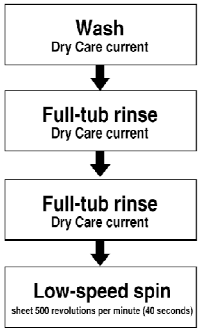

The suction force of the pulsator draws the water through the laundry, removing the dirt.

**Clothes can be washed with a liquid neutral (pH balance) detergent.**

**Home Dry Care has been further improved. Detergent soaks deeply into the laundry and circulates thoroughly in the tub.**

**The Home Dry Care process**

Takes about 29 minutes.



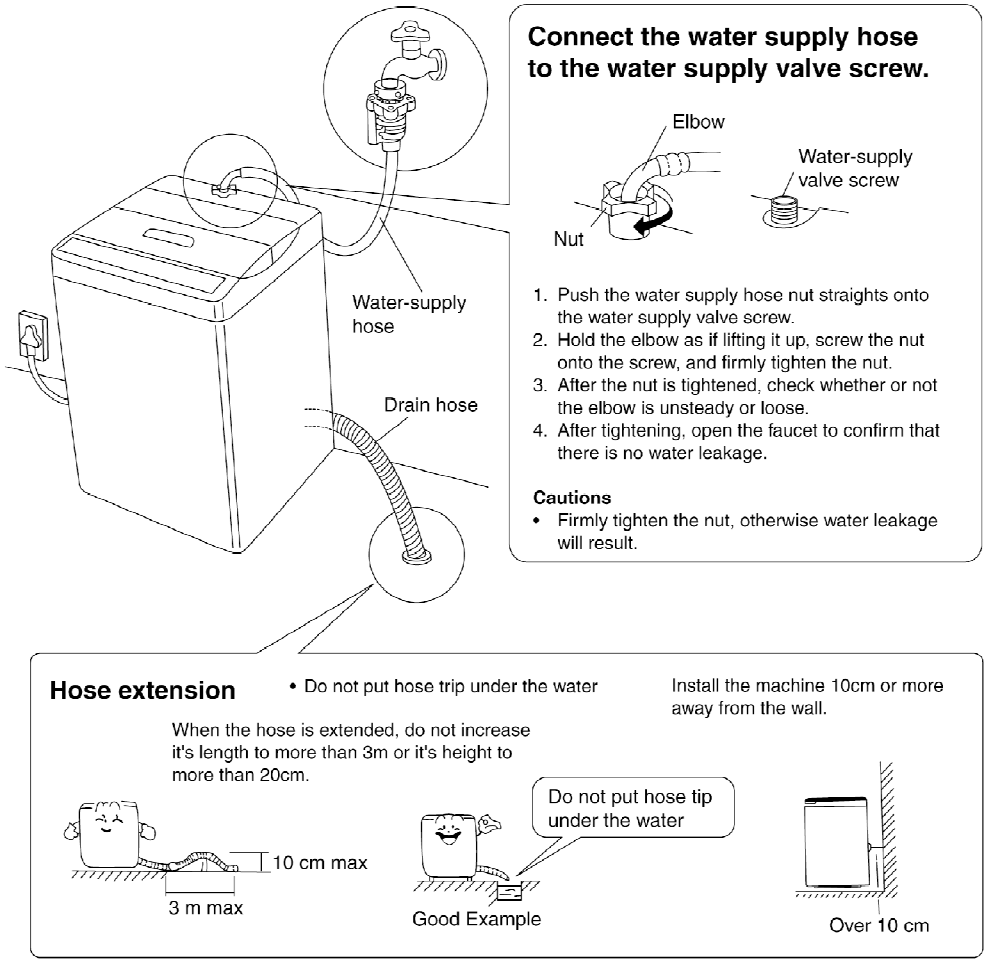

## 1.4. ■ Wash Cycle

| | COURSE | SOAK | WATER LEVEL | WASH TIME | RINSE CYCLE | SPIN TIME | |
|---|---|---|---|---|---|---|---|
| WASH COURSE SELECT | NORMAL | 60 min. | HIGH<br>MEDIUM | Maximum<br>15 min.<br>30 sec. | Rinse cycle<br>2 times | Maximum<br>8 min. | M<br>~ |
| | STRONG | | LOW | Minimum<br>12 min.<br>30 sec. | | Minimum<br>6 min. | M<br>~ |
| | SPEEDY | — | MEDIUM<br>LOW | 3 min.<br>20 sec. | Rinse cycle<br>3 times | 3 min. | |
| | GENTLE | — | MEDIUM<br>LOW | 3 min. | Rinse cycle<br>3 times | Mild<br>40 sec. | |
| | HOME | | | 8 min. | Rinse | Mild | |

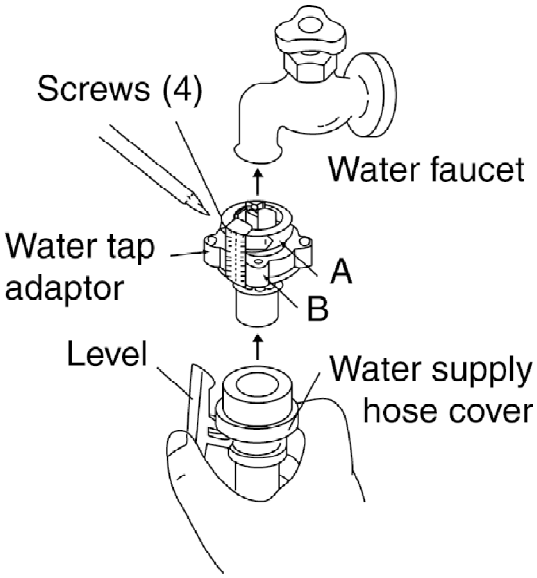
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| C<br>T | DRY<br><br>CARE | — | MEDIUM | 30 sec. | cycle<br>2 times | 38 sec. | |

# 2. INSTALLATION INSTRUCTION

## 2.1. Check Installation Location


Connect the water supply hose to the water supply valve screw.
Elbow
Water-supply valve screw
Nut
1. Push the water supply hose nut straights onto the water supply valve screw.
2. Hold the elbow as if lifting it up, screw the nut onto the screw, and firmly tighten the nut.
3. After the nut is tightened, check whether or not the elbow is unsteady or loose.
4. After tightening, open the faucet to confirm that there is no water leakage.
Cautions
• Firmly tighten the nut, otherwise water leakage will result.
Water-supply hose
Drain hose
Hose extension
• Do not put hose trip under the water
When the hose is extended, do not increase it's length to more than 3m or it's height to more than 20cm.
10 cm max
3 m max
Do not put hose tip under the water
Good Example
Install the machine 10cm or more away from the wall.
Over 10 cm

## 2.2. Connect supply water hose



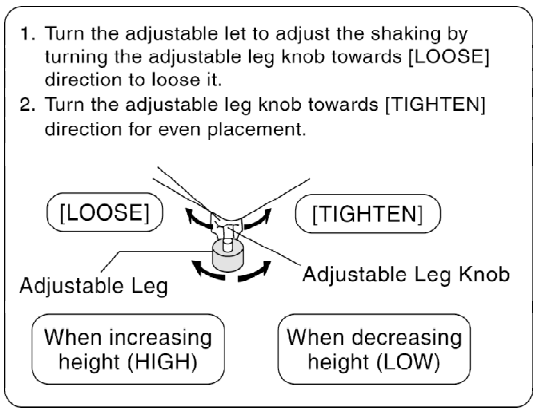

**(Note)**

- **Firmly tighten part B of the faucet joint, otherwise water leakage will result.**
- **When the hose must be reinstalled (after you move, for example), turn B to the left until about 4 mm or the thread becomes visible, then carry out the procedure described above.**
- **The connector cannot be used with an extension or an all-purpose home faucet. In these cases, use the CB-J3 faucet (sold separately). (Leaks will result otherwise.)**

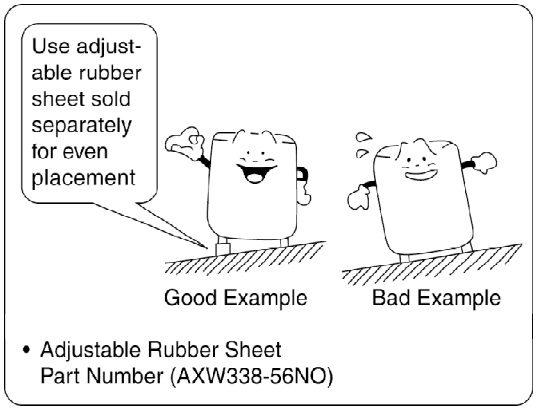
## 2.3. Install the washing machine under a level sturdy floor

■ **HOW TO ADUST THE HEIGHT OF ADJUSTABLE LEG**

1. Turn the adjustable let to adjust the shaking by turning the adjustable leg knob towards [LOOSE] direction to loose it.
2. Turn the adjustable leg knob towards [TIGHTEN] direction for even placement.



■ **FOR THE CASE OF UNEVEN FLOOR**


Use adjust-able rubber sheet sold separately for even placement
Good Example
Bad Example
• Adjustable Rubber Sheet
Part Number (AXW338-56NO)

# 3. TROUBLESHOOTING GUIDE

**When diagnosing a problem, because the electronic circuitry is so complex, sometimes a condition is mistakenly thought to be a malfunction when it is not perform check and troubleshooting beginning with parts to which load is applied, similarly to troubleshooting for conventional mechanical circuitry.**

■ **Troubleshooting table**

| Problem (check item) | | P.C. Board | Feed valve | Pressure Sensor | Safety Switch | Gear Motor | Capacitor | Mechanismcase | Suspension | Valve packing | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| No Operation | Lamps do not light up. | ○ | | | | | | | | | |
| | Lamps light up. | ○ | ○ | | | | | | | | |
| Faulty water supply | No sound heard indicating flow of current to water supply valve. | ○ | ○ | | | | | | | | |
| | Sound heard indicating flow of current to water supply valve. | | | | | | | | | | Check water supply conditions. |
| | Water supply flow is low. | | | | | | | | | | Check water supply conditions. |
| | Water supply does not stop. (Water is supplied constantly.) | ○ | ○ | ○ | | | | | | | |
| No washing operation | Pulsator does not turn. (No sound heard indicating flow of current to motor.) | ○ | | | | | | | | | Motor |
| | Pulsator does not turn. (Sound heard indicating flow of current to motor.) | | | | | | ○ | ○ | | | V-belt, Motor |
| | Pulsator does not reverse direction. | ○ | | | | | | ○ | | | Impeller pulley, Motor |
| | Pulsator turns slowly. | ○ | | | | | | | | | V-belt, Motor |
| Faulty draining | Does not drain. | ○ | | | | ○ | | | | ○ | |
| | Drain slowly. | | | | | | | | | ○ | |
| Faulty spinning | No spinning revolution. (No sound heard indicating flow of current to motor.) | ○ | | | ○ | | | | | | |
| | No spinning revolution. (Pulsator turns.) | | | | | | | ○ | | | |
| | Insufficient spinning force. | | | | | | | | | | |
| Abnormal noise | Abnormal noise during washing. | | | | | | | ○ | | | V-belt, Motor |
| | Abnormal noise during spinning (vibration noise). | | | | | | | ○ | ○ | | Check installation condition. |
| Water leakage | Water leakage (drain hose). | | | | | | | | | | Clogged with foreign matter. |
| | Water leakage (bottom of washing machine). | | | | | | | | | | Service hose A, Pulsator. |
| Incorrect Indication and Operation | Water supplied during spinning. | | | | ○ | | | | ○ | | Unbalanced load during spinning, Incorrect installation. |
| | More than three rinses. | | | | ○ | | | | | | Unbalanced load during spinning, Incorrect installation. |
| | Pulsator turns when there is no water. | ○ | | ○ | | | | | | | Clogged air trap. |
| | Setting cannot be changed while operation is in progress. | | | | | | | | | | Explain operation procedures. |
| | Water does not flow from lint filter. | | | | | | | | | | Explain operation procedures. |
| | No overflow during water-add rinsing. | | | | | | | | | | Explain operation procedures. |
| | Selected course not programmed in memory. | | | | | | | | | | Explain operation procedures. |
| | Softener comes out of supply case too early. | | | | | | | | | | Explain operation procedures. |
| | Pulsator revolves in very small strokes at end of washing and rinsing. | | | | | | | | | | Explain operation procedures. |
| | Operates with little water and then water supply starts again. | | | | | | | | | | Explain operation procedures. |

# 4. TEST RUNNING WITHOUT WATER

## 4.1. ■ Method to test running without water.

**1. Set the power switch to “OFF”.**

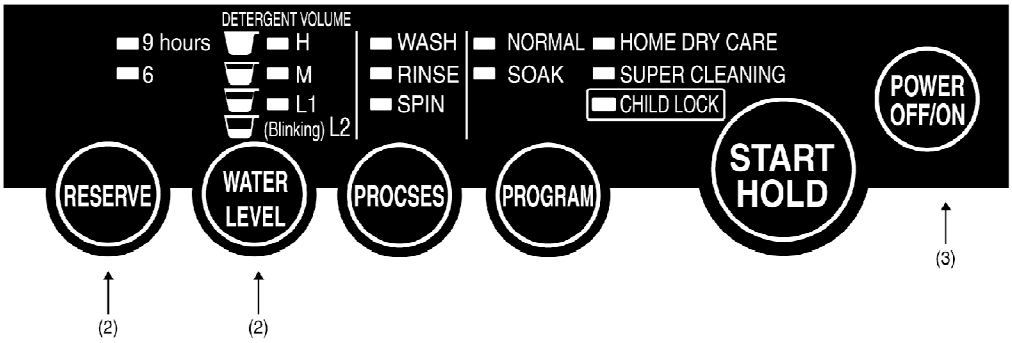
**2. Press and hold both the “Reserve and water level” buttons with one hand.**

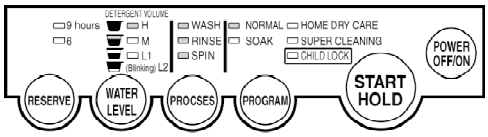
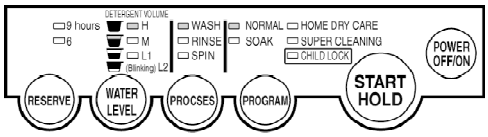
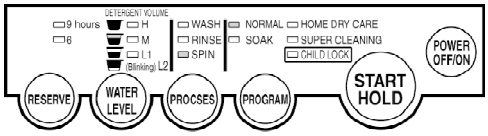
**3. Set the power switch to “ON”.**

**4. Release your fingers from the buttons and power switch which you pressed in steps (2) and (3) above.**
**(Check A can be carried out in this state with your fingers**

**released).**

**5. Within three seconds, press the “Reserve” button one or two times to set the desired check procedure. (Carry out check B and C).**



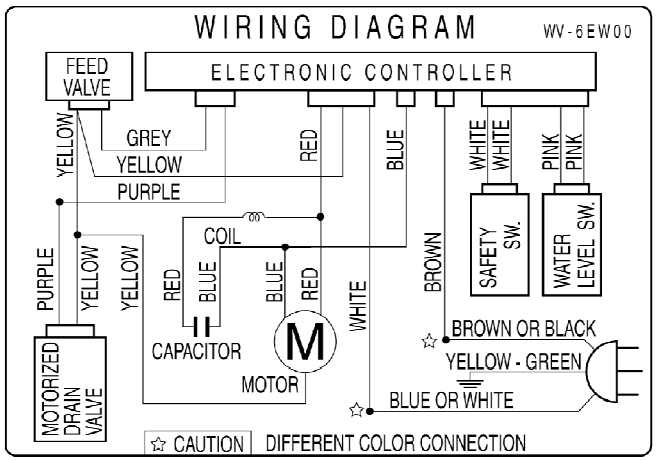

| Number of times the “Reserve” button is pressed | Check Procedures | Check Contents | Lamp illumination condition | Operation con |
|---|---|---|---|---|
| 0 | A | -End Signal<br>-Auto power off.<br>-Abnormal signal semister |  | -When the end buzzer sou times, process lamps will neously flash on and off a will automatically be switc immediately after operatio |
| 1 | B | Wash Operation Check |  | -Even if there is no water i washing operation will co minutes.<br>-Water flow can be chang level button. |
| 2 | C | Spin Operation Check |  | -The spinning operation w for five minutes.<br>-It is possible to check lid operation. Open the lid slo check. |

# 5. ERROR INDICATION TABLE

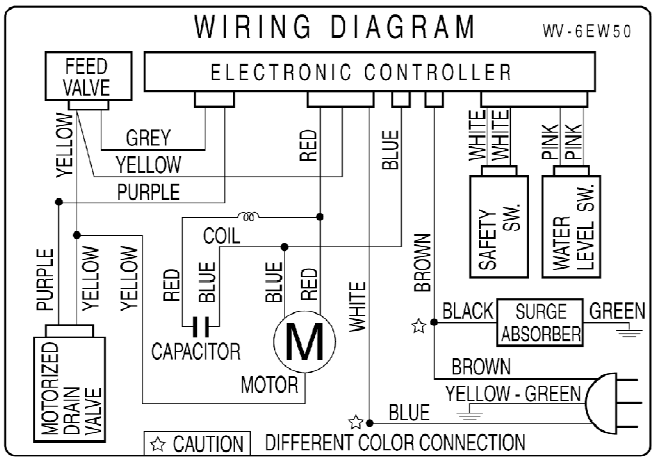
**- when the following indications occur the buzzer will sound.**

| | |
|---|---|
| WASH<br>RINSE<br>SPIN + HOME DRY CARE | -Check if abnormalities listed below are seen in the external water hose.<br>-Is the hose connected?<br>-Is it clogged with lint?<br>-Is it crushed?<br>-Is the tip soaked in water?<br>-Is a small pipe used?<br>-Is a part of hose at a height of over 10cm midway?<br>-Is the hose lay down?<br>After open<br>close of th<br>Operation<br>restart. |
| WASH<br>RINSE<br>SPIN + SOAK | -Check if the lid is open<br>→ Close the lid. |
| WASH<br>RINSE<br>SPIN + SUPER CLEANING | -Is the laundry unbalanced?<br>→ Even it out.<br>-The machine is rattling. Is it inclined toward the floor?<br>-Is the adjustable knob loose? |
| WASH<br>RINSE<br>SPIN + NORMAL | -Check if you have forgotten to connect the water hose and to turn on the faucet.<br>-Check if the water supply and the water supply hose are frozen.<br>-Check if the connection of the water supply hose is clogged with dirt. |
| WASH<br>RINSE<br>SPIN + CHILD LOCK | Check if the lid open more than 10 seconds after start of water fee<br>[CHILD LOCK] mode will activated to force the water drain.<br>Pull out power plug from the outlet and re-plug it after 5 seconds. |
| DETERGENT VOLUME<br>H<br>M<br>L1<br>(Blinking) L2<br>WASH<br>RINSE<br>SPIN | The buzzer does not sound.<br>Pull out the power plug and request for service. |

# 6. SHEMATIC DIAGRAM




**GENERAL**




**SINGAPORE DOMESTIC ONLY**

# 7. DISASSEMBLY INSTRUCTIONS AND ADJUSTMENT

**WARNING**

## BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE MACHINE, DISCONNECT THE ELECTRICAL POWER SUPPLY FROM THE WALL OUTLET.

**Caution to be observed when trouble shooting**

**Electronic components of the print circuit board is MOS TYPE FET. When replace and trouble shooting of the print circuit board, make sure body is grounded before beginning repair work. But, in case can not ground, touch to the plug and earth wire, and remove the potential**

**difference between the set and body of the worker completely.**

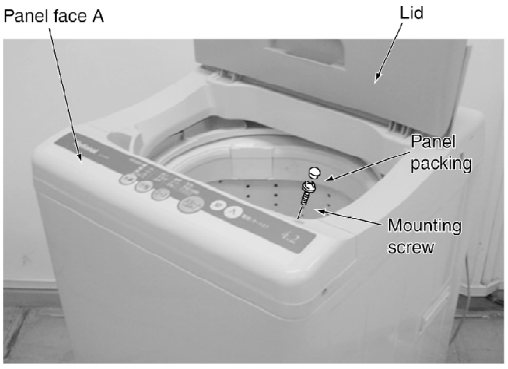
## 7.1. Print circuit board replacement

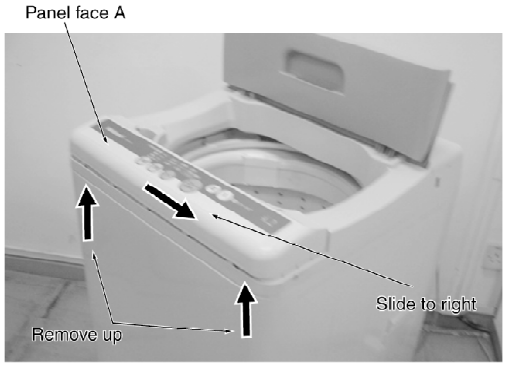
**1. Open the lid. And remove 1 panel packing.**

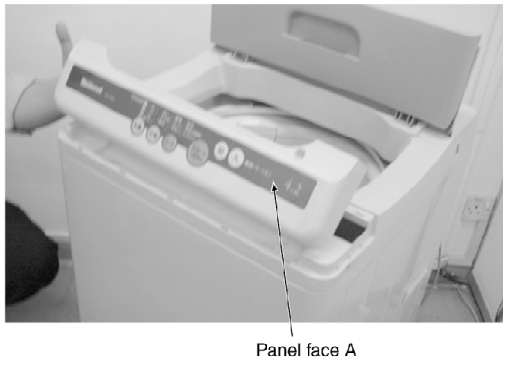
**2. Remove 1 screw mounting the panel face A.**

**3. * Slide to right-ward to remove the panel face A.**
*** Push from lower side to remove the panel face A.**

**4. Hold the panel face A to remove the P.C. Board.**




**5. Turn the panel face A.**

**6. Remove 8 mounting screws the P.C. Board.**

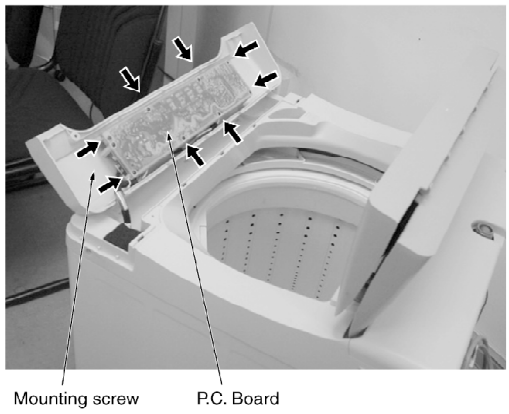
**Note**

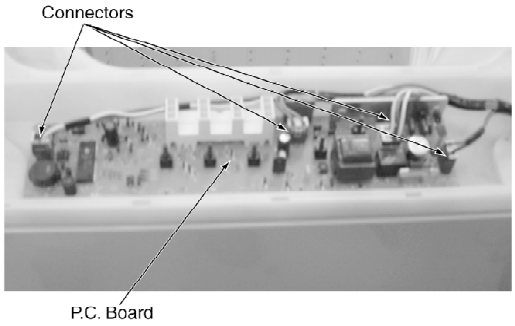
**Hold the wire connectors properly, increase to remove connectors from the P.C. Board.**

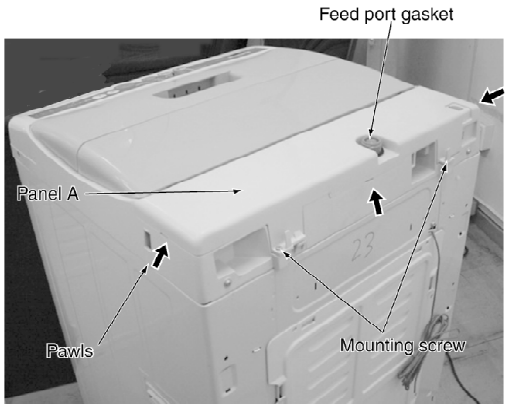
**7. Remove connectors from the P.C. Board.**

## 7.2. Pressure sensor, safety switch and feed valve replacement.

**1. Remove 2 screws mounting the panel A.**
*** Do not lost the feed port gasket when removing the panel A.**



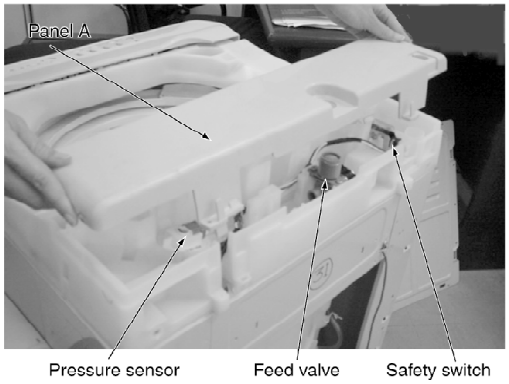



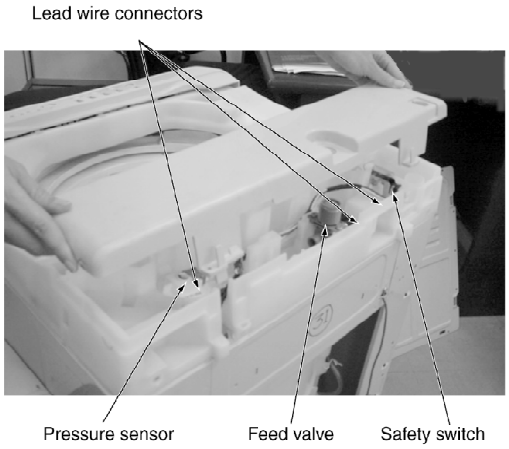

**2. Panel A has been installed with 2 screws and pawls. After remove 2 screws, insert screw driver and pull the panel A to up-ward to removed.**

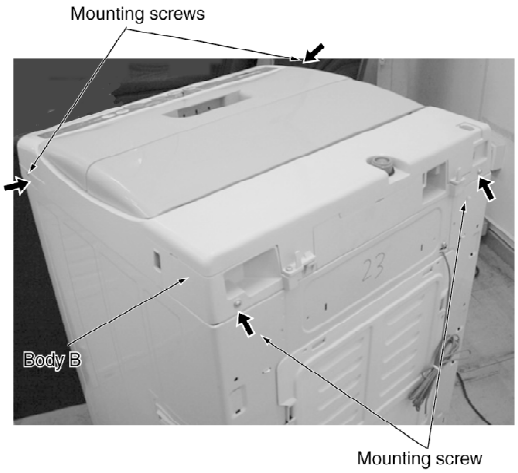
3. ● Pressure sensor replacement.
   A. Remove 2 pawls mounting the pressure sensor.
   B. Remove lead wire connector.
   C. Remove the air hose.
4. ● Safety switch replacement.
   A. Remove 2 screws mounting the safety switch.
   B. Remove lead wire connector.
5. ● Feed valve replacement.
   A. Remove 2 screws mounting the feed valve.
   B. Remove lead wire connector.
   C. Remove feed hose properly.

## 7.3. Mechanism case replacement

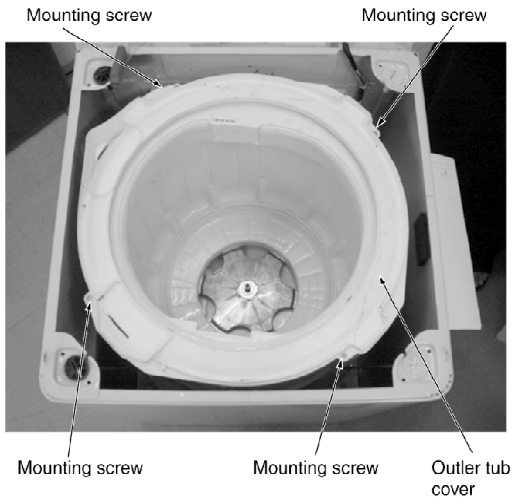
1. ● Remove 4 screws mounting the body B.

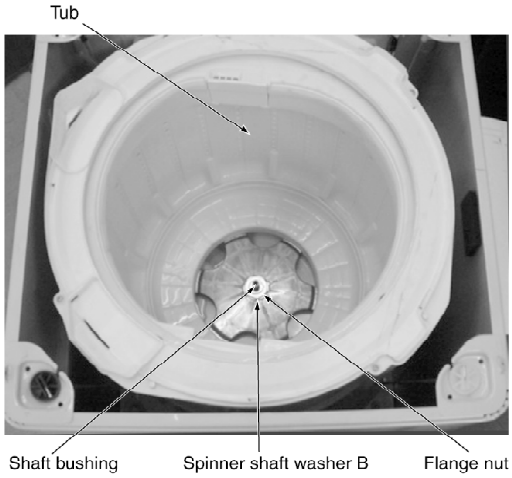





2. ● **Rise up the body B against the wall.**
3. ● **Remove 4 screws mounting the outer tub cover.**
4. ● **Remove a screw mounting the pulsator.**
   *** Do not remove screw mounting the pulsator completely and pull up-ward to remove.**
5. ● **Remove the spinner shaft flange nut by using nut remover HW-25K. And remove the spinner shaft washer B.**





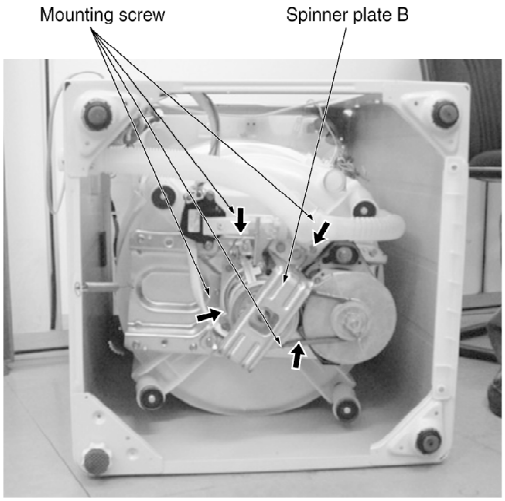

6. ● Pull up the tub up-ward to remove.
7. ● Place the machine on its front side.
8. ● Remove 4 screws mounting the spinner plate B.
9. ● Remove 4 screws mounting the mechanism case.

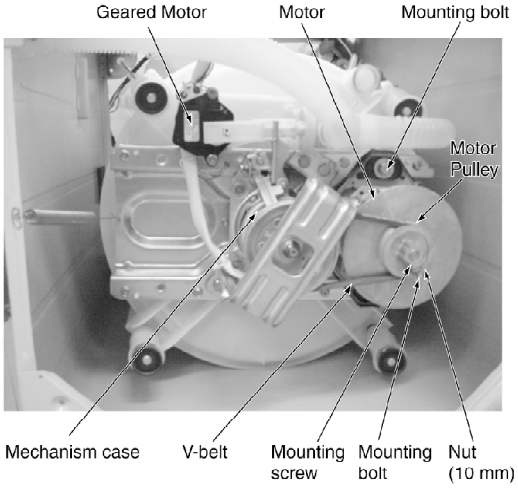
## 7.4. Motor replacement

1. Place the machine on it’s front side.
2. Use plug and cut lead wire from the motor.
3. Loose mounting screws and remove V-belt.
4. Remove bolt mounting the motor and remove the motor.

**NOTE**

After replace the motor, adjust tension of the V-belt properly, then it shall be set for initial mode of the V-belt on test running without water.



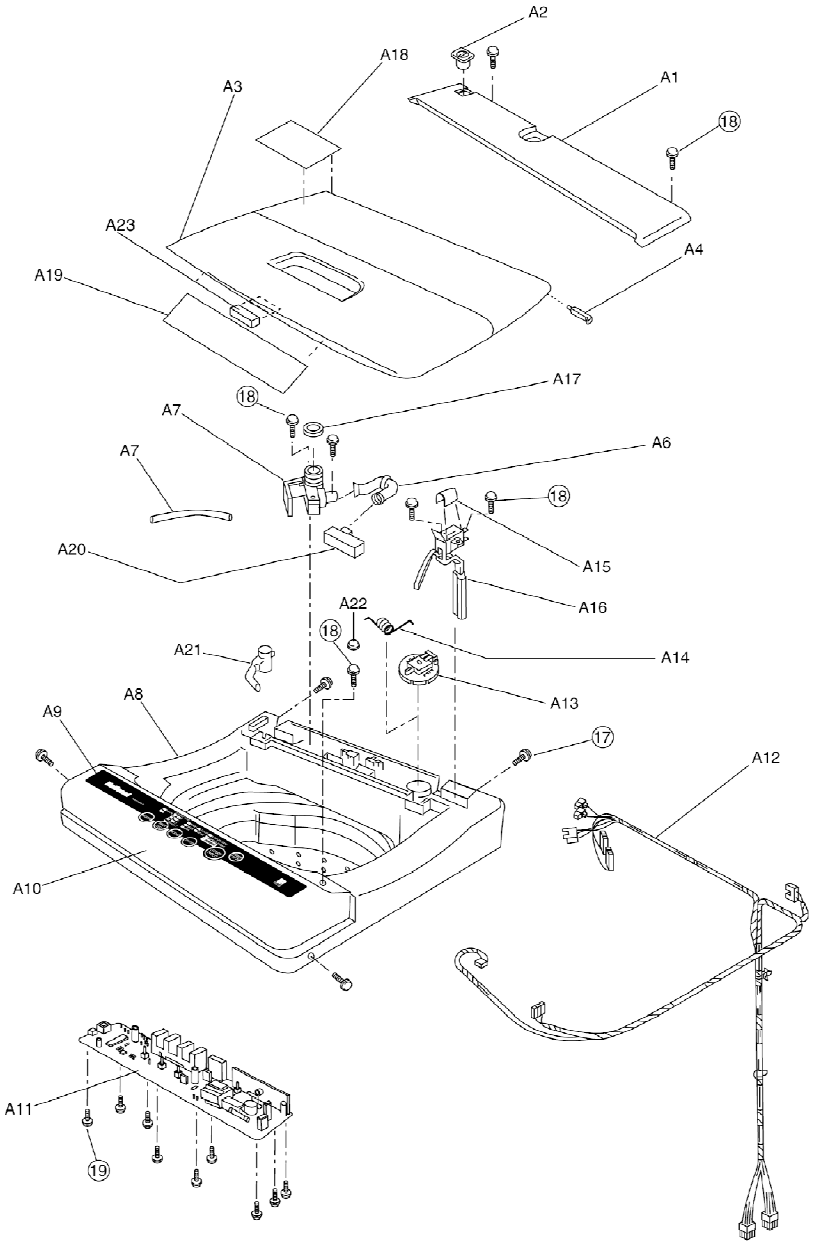




# 8. EXPLODED VIEWS AND REPLACEMENT PARTS LIST

## 8.1. Small Standardized Parts

| Ref. No. | Part Name | Qty | Model/Part No. | | | Remarks |
|---|---|---|---|---|---|---|
| | | | NA-F42J2T | NA-F60H | NA-F5000T | |
| 1 | Pan Head Screw | 1 | XSN5+10BNS | XSN5+10BNS | XSN5+10BNS | |
| 1 | Pan Head Screw | 1 | - | - | XSN5+14BNS | S'pore Domestic |
| 2 | Special Washer | 1 | X-W0651 | X-W0651 | X-W0651 | |
| 3 | Special Screw | 1 | XSSAXW673 | XSSAXW673 | XSSAXW673 | |
| 4 | Special Tapping Screw | 6 | XTWAXW507A | XTWAXW507A | XTWAXW507A | |
| 5 | Special Tapping Screw | 6 | XTWAXW513 | XTWAXW513 | XTWAXW513 | |
| 6 | Special Bolt | 4 | XVGAXW812 | XVGAXW812 | XVGAXW812 | |
| 7 | Special Bolt | 1 | XVGAXW401S | XVGAXW401S | XVGAXW401S | |
| 8 | Special Nut | 1 | X-N0701 | X-N0701 | X-N0701 | |
| 9 | Special Bolt | 1 | X-V0705 | X-V0705 | X-V0705 | |
| 10 | Special Bolt | 2 | XVGAXW815AE | XVGAXW815AE | XVGAXW815AE | |
| 11 | Special Tapping Screw | 4 | XTBAXW403A | XTBAXW403A | XTBAXW403A | |
| 12 | Special Tapping Screw | 8 | XTBAXW403A | XTBAXW403A | XTBAXW403A | |
| 13 | Binding Tapping Screw | 2 | XTB4+15B | XTB4+15B | XTB4+15B | |
| 14 | Special Tapping Screw | 4 | XTWAXW435 | XTWAXW435 | XTWAXW435 | |
| 15 | Special Tapping Screw | 2 | XTWAXW6510 | XTWAXW6510 | XTWAXW6510 | |
| 16 | Special Tapping Screw | 4 | XTGAXW623 | XTGAXW623 | XTGAXW623 | |
| 17 | Special Tapping Screw | 4 | XTWAXW417 | XTWAXW417 | XTWAXW417 | |
| 18 | Binding Tapping Screw | 11 | XTB4+15BFE | XTB4+15BFE | XTB4+15BFE | |
| 19 | Special Tapping Screw | 8 | XTVAXW304 | XTVAXW304 | XTVAXW304 | |

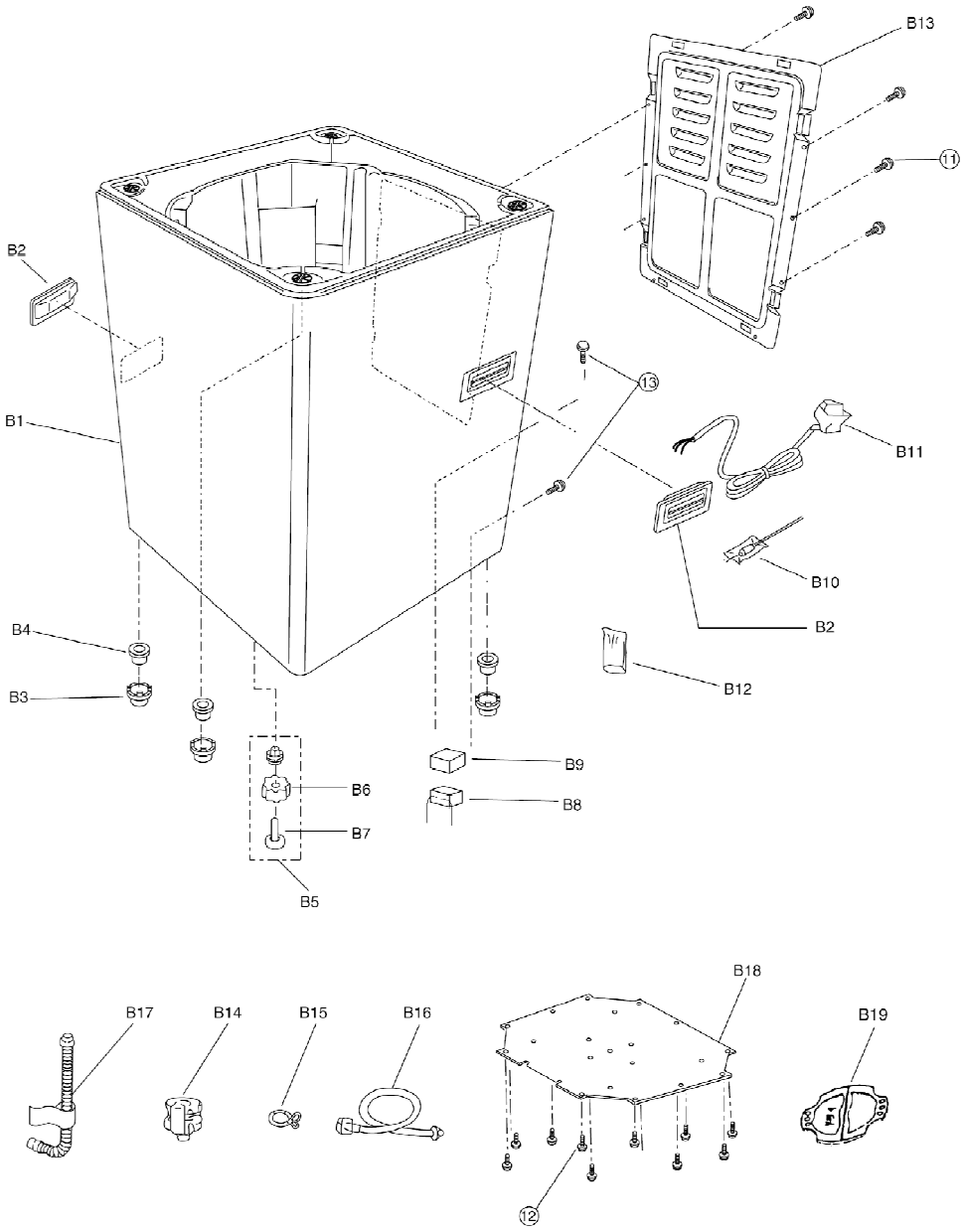
## 8.2. Location of Parts-A




## 8.3. Replacement Part List-A

| Ref. No. | Part Name | Qty | Model/Part No. | | | Remarks |
|---|---|---|---|---|---|---|
| | | | NA-F42J2T | NA-F60H | NA-F5000T | |
| A1 | Panel A | 1 | AXW01306EW0U | AXW01306EW0U | AXW01306EW0U | Kabus Grey |
| A1 | Panel A | 1 | AXW01306EW0D | AXW01306EW0D | AXW01306EW0D | White |
| A2 | Panel A Packing | 1 | AXW01376FK0U | AXW01376FK0U | AXW01376FK0U | Kabus Grey |
| A2 | Panel A Packing | 1 | AXW01376FK0D | AXW01376FK0D | AXW01376FK0D | White |
| A3 | Lid Unit | 1 | AXW001G6EW0U | AXW001G6GJ0U | AXW001G6GK0U | Kabus Grey |
| A3 | Lid Unit | 1 | AXW001G6EW0D | AXW001G6GJ0D | AXW001G6GK0D | White |
| A4 | Lid Hinge Shaft | 1 | AXW01935U801 | AXW01935U801 | AXW01935U801 | |
| A5 | Feed Valve | 1 | AXW292116966 | AXW292116966 | AXW292116966 | |
| A6 | Feed Hose | 1 | AXW12606DA0M | AXW12606DA0M | AXW12606DA0M | |
| A7 | Sub Drain Hose | 1 | AXW002Q6FK00 | AXW002Q6FK00 | AXW002Q6FK00 | |
| A8 | Body B | 1 | AXW01026FK0U | AXW01026FK0U | AXW01026FK0U | Kabus Grey |
| A8 | Body B | 1 | AXW01026FK0D | AXW01026FK0D | AXW01026FK0D | White |
| A9 | Panel Face B | 1 | AXW01466GM0U | AXW01466GJ0U | AXW01466GK0U | Kabus Grey |
| A9 | Panel Face B | 1 | AXW01466GM0D | AXW01466GJ0D | AXW01466GK0D | White |
| A10 | Panel Face A | 1 | AXW01456FK0U | AXW01456FK0U | AXW01456FK0U | Kabus Grey |
| A10 | Panel Face A | 1 | AXW01456FK0D | AXW01456FK0D | AXW01456FK0D | White |
| A11 | Controller Unit | 1 | AXW024C6GH04 | AXW024C6GK04 | AXW024C6GK04 | |
| A11 | Controller Unit | 1 | - | - | AXW024C6GH06 | S'pore Domestic |
| A11 | Controller Unit | 1 | - | - | AXW024C6GK06 | Middle East |
| A12 | Lead Wire Unit | 1 | AXW014B6FK00 | AXW014B6FK00 | AXW014B6FK00 | |
| A13 | Pressure Sensor Unit | 1 | AXW024T02410 | AXW024T02410 | AXW024T02410 | |
| A14 | Lid Hinge Shaft | 1 | AXW11166DR00 | AXW11166DR00 | AXW11166DR00 | |
| A15 | Safety Switch Cover | 1 | AXW16906EG00 | - | AXW16906EG00 | S'pore Domestic |
| A16 | Safety Switch | 1 | AXW16612220 | AXW16612220 | AXW16612220 | |
| A17 | Feeding Port Gasket | 1 | AXW026739610 | AXW026739610 | AXW026739610 | |
| A18 | Spinner Lid Label | 1 | AXW1117D0300 | AXW11176BH00 | AXW1117D0300 | |
| A19 | Switch Operation Chart | 1 | AXW99086EW00 | AXW99086GJ00 | AXW99086EW00 | |
| A20 | Feed Hose Tip | 1 | AXW02046FK00 | AXW02046FK00 | AXW02046FK00 | |
| A21 | Drain Pipe | 1 | AXW02055TW0C | AXW02055TW0C | AXW02055TW0C | |
| A22 | Cap A | 1 | AXW05146FK0U | AXW05146FK0U | AXW05146FK0U | Kabus Grey |
| A22 | Cap A | 1 | AXW05146FK0D | AXW05146FK0D | AXW05146FK0D | White |
| A23 | Magnet | 1 | AXW119614710 | - | AXW119614710 | S'pore Domestic |

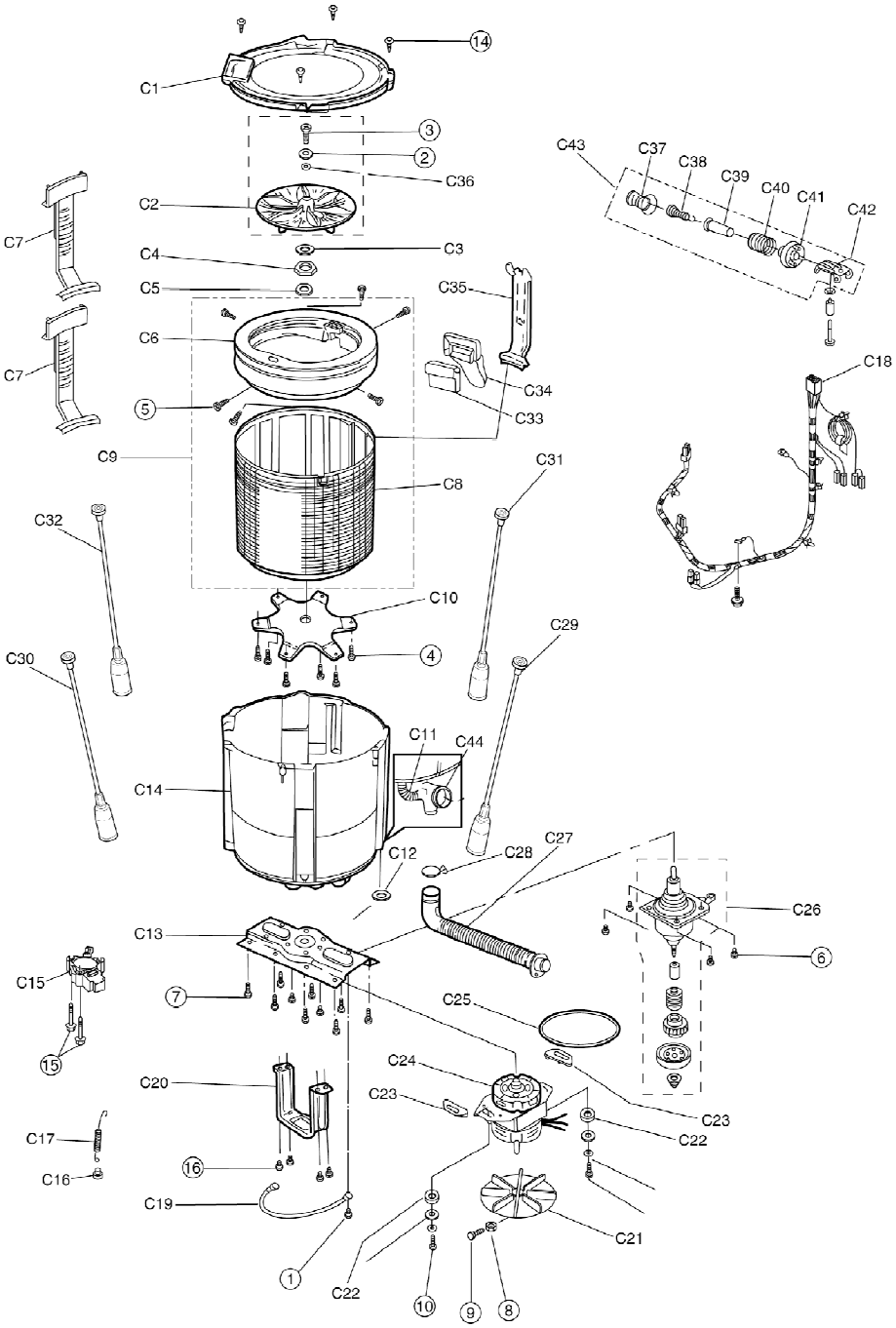
## 8.4. Location of Parts-B




## 8.5. Replacement Part List-B

| Ref. No. | Part Name | Qty | Model/Part No. | | | Remarks |
|---|---|---|---|---|---|---|
| | | | NA-F42J2T | NA-F60H | NA-F5000T | |
| B1 | Body A Unit | 1 | AXW001A6EW0U | AXW001A6EW0U | - | Kabus Grey |
| B1 | Body A Unit | 1 | AXW001A6EW0D | AXW001A6EW0D | - | White |
| B1 | Body A Unit | 1 | - | - | AXW001A6EW0U | S'pore Re-export (KY) |
| B1 | Body A Unit | 1 | - | - | AXW001A6EWOD | S'pore Re-export (W) |
| B1 | Body A Unit | 1 | - | - | AXW001A6EW5U | S'pore DoM (KY) |
| B1 | Body A Unit | 1 | - | - | AXW001A6EW5D | S'pore DoM (W) |
| B1 | Body A Unit | 1 | - | - | AXW001A6EW5U | Middle East (KY) |
| B1 | Body A Unit | 1 | - | - | AXW001A6EW5D | Middle EasT (W) |
| B2 | Grip | 2 | AXW01106FK0U | AXW01106FK0U | AXW01106FK0U | Kabus Grey |
| B2 | Grip | 2 | AXW01106FK0D | AXW01106FK0D | AXW01106FK0D | White |
| B3 | Leg Covering | 3 | AXW033960A0M | AXW033960A0M | AXW033960A0M | |
| B4 | Leg Plate | 3 | AXW03415U801 | AXW03415U801 | AXW03415U801 | |
| B5 | Adjustable Leg Unit | 1 | AXW003D6DB00 | AXW003D6DB00 | AXW003D6DB00 | |
| B6 | Adjustable Leg | 1 | AXW03356BN00 | AXW03356BN00 | AXW03356BN00 | |
| B7 | Bottom Plate Holder A | 1 | AXW11725640M | AXW11725640M | AXW11725640M | |
| B8 | Capacitor | 1 | AXW04037G407 | AXW04037G407 | AXW04037G407 | |
| B8 | Capacitor | 1 | - | - | AXW04037G407 | S'pore Domestic |
| B8 | Capacitor | 1 | - | - | AXW04037G407 | Middle East |
| B9 | Capacitor Cap | 1 | AXW04076FK00 | AXW04076FK00 | AXW04076FK00 | |
| B10 | Surge Absorber Unit | 1 | - | - | AXW024M5SP00 | S'pore Domestic |
| B11 | Power Cord Unit | 1 | AXW004A70204 | - | AXW004A70204 | (C2) |
| B11 | Power Cord Unit | 1 | - | AXW004A79800 | - | (A2) |
| B11 | Power Cord Unit | 1 | - | - | AXW004A72245 | S35 S'pore Domestic |
| B11 | Power Cord Unit | 1 | - | - | AXW004A5WP00 | S3 Middle East |
| B12 | Chemical Cover | 1 | AXW04050D420 | AXW04050D420 | AXW04050D420 | |
| B13 | Back Panel | 1 | AXW01566FK00 | AXW01566FK00 | AXW01566FK00 | |
| B14 | Feed Valve Joint A Unit | 1 | AXW12H6365DF | AXW12H6365DF | AXW12H6365DF | |
| B15 | Hose Clamp | 1 | AXW02456FK00 | AXW02456FK00 | AXW02456FK01 | |
| B16 | Pressure Hose Unit | 1 | AXW012C7700K | AXW012C7700K | AXW012C7700K | |
| B17 | Flexible Hose B Unit | 1 | AXW002E6FK00 | AXW002E6FK00 | AXW002E6FK00 | |
| B18 | Base Beam B | 1 | AXW03046EW00 | AXW03046EW00 | AXW03046EW00 | |
| B19 | Wash Board Unit | 1 | AXW002W6BA0E | AXW002W6BA0E | AXW002W6BA0E | |

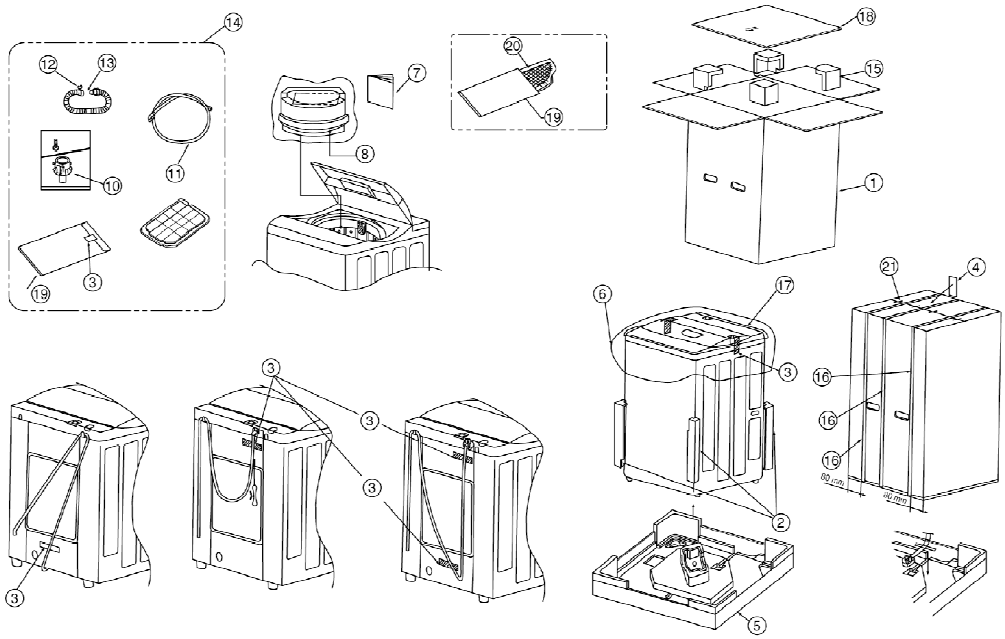
## 8.6. Location of Parts-C




## 8.7. Replacement Part List-C

| Ref. No. | Part Name | Qty | Model/Part No. | | | Remarks |
|---|---|---|---|---|---|---|
| | | | NA-F42J2T | NA-F60H | NA-F5000T | |
| C1 | Outer Tub Cover | 1 | AXW332456N01E | AXW332456N01E | AXW332456N01E | |
| C2 | Pulsator | 1 | AXW05015WP0E | AXW05015WP0E | AXW05015WP0E | |
| C3 | Shaft Bushing | 1 | AXW050459V0E | AXW050459V0E | AXW050459V0E | |
| C4 | Spinner Shaft Flange Nut | 1 | AXW15178052E | AXW15178052E | AXW15178052E | |
| C5 | Spinner Flange Washer B | 1 | AXW15198020E | AXW15198020E | AXW15198020E | |
| C6 | Balancer Unit | 1 | AXW35A5WP00E | AXW35A5WP00E | AXW35A5WP00E | |
| C7 | Tub C Unit | 2 | AXW12U5WP50E | AXW12U5WP50E | AXW12U5WP50E | |
| C8 | Tub A | 1 | AXW02015WP1E | AXW02015WP1E | AXW02015WP1E | |
| C9 | Tub Unit | 1 | AXW02A5WP50E | AXW02A5WP50E | AXW02A5WP50E | |
| C10 | Spinner Shaft Flange | 1 | AXW150480232 | AXW150480232 | AXW150480232 | |
| C11 | Over Flow Hose B | 1 | AXW023480250 | AXW023480250 | AXW023480250 | |
| C12 | Air Trap B | 1 | AXW129980210 | AXW129980210 | AXW129980210 | |
| C13 | Outer Tub B | 1 | AXW120280240 | AXW120280240 | AXW120280240 | |
| C14 | Outer Tub A | 1 | AXW12025NT0E | AXW12025NT0E | AXW12025NT0E | |
| C15 | Geared Motor | 1 | AXW348202706 | AXW348202706 | AXW348202706 | |
| C16 | Spring Holder | 1 | AXW11725640 | AXW11725640M | AXW11725640M | |
| C17 | Hanging Spring | 1 | AXW12166FK00 | AXW12166FK00 | AXW12166FK00 | |
| C18 | Connector Lead Wire Unit | 1 | AXW014A6EW50 | - | AXW014A6EW50 | S'pore Domestic |
| C18 | Connector Lead Wire Unit | 1 | - | AXW014A6FW00 | AXW014A6EW00 | S'pore Re-exp/M.East |
| C19 | Earth Unit | 1 | AXW003F6K00 | AXW003F6K00 | AXW003F6K00 | |
| C20 | Spinner Plate B | 1 | AXW32326FK00 | AXW32326FK00 | AXW32326FK00 | |
| C21 | Motor Pulley | 1 | AXW041181111 | AXW041181111 | AXW041181111 | 50 Hz |
| C22 | Motor Washer B | 2 | AXW042182400 | AXW042182400 | AXW042182400 | |
| C23 | Motor Washer A | 2 | AXW042082400 | AXW042082400 | AXW042082400 | |
| C24 | Motor | 1 | AXW040154506 | AXW040154506 | AXW040154506 | |
| C25 | V - Belt | 1 | AXW041219850 | AXW041219850 | AXW041219850 | |
| C26 | Mechanism Case Unit | 1 | AXW020A5V960 | AXW020A5V960 | AXW020A5V960 | |
| C27 | Service Hose A Unit | 1 | AXW002D6FK00 | AXW002D6FK00 | AXW002D6FK00 | |
| C28 | Hose Clamp | 1 | AXW02456FK0E | AXW02456FK0E | AXW02456FK0E | |
| C29 | Suspension Unit(F-R) | 1 | AXW034U6GH00 | AXW034U6GH00 | AXW034U6GH00 | |
| C30 | Suspension Unit(F-L) | 1 | AXW034U6GH50 | AXW034U6GH50 | AXW034U6GH50 | |
| C31 | Suspension Unit(R-R) | 1 | AXW034U6GH00 | AXW034U6GH00 | AXW034U6GH00 | |
| C32 | Suspension Unit(R-L) | 1 | AXW034U6GH50 | AXW034U6GH50 | AXW034U6GH50 | |
| C33 | Rinse Case | 1 | AXW21715WP0E | AXW21715WP0E | AXW21715WP0E | |
| C34 | Filter Unit | 1 | AXW22A5WP00E | AXW22A5WP00E | AXW22A5WP00E | |
| C35 | Tub B Unit | 1 | AXW12T5WP50E | AXW12T5WP50E | AXW12T5WP50E | |
| C36 | O Ring | 1 | AXW02570200 | AXW02570200 | AXW02570200 | |
| C37 | Valve Packing | 1 | AXW090956N11 | AXW090956N11 | AXW090956N11 | |
| C38 | Valve Spring | 1 | AXW092259U0M | AXW092259U0M | AXW099259U0M | |
| C39 | Valve Rod B | 1 | AXW098180210 | AXW098180210 | AXW098180210 | |
| C40 | Valve Spring B | 1 | AXW097180201 | AXW097180201 | AXW097180201 | |
| C41 | Valve Lid | 1 | AXW090380200 | AXW090380200 | AXW090380200 | |
| C42 | Valve Rod A | 1 | AXW09326FK00 | AXW09326FK00 | AXW09326FK00 | |
| C43 | Valve Unit | 1 | AXW009D6FK00 | AXW009D6FK00 | AXW009D6FK00 | |
| C44 | Valve Frame A | 1 | AXW090156N00 | AXW090156N00 | AXW090156N00 | |

## 8.8. Packing Instructions



## 8.9. Replacement Part List

### Packing Parts List

| Ref. No. | Part Name. | Qty | Model/Part No. | | | Remarks |
|---|---|---|---|---|---|---|
| | | | NA-F42J2T | NA-F60H | NA-F5000T | |
| 1 | Protection Case A | 1 | AXW90016GM00 | - | - | |
| (1) | Protection Case A | 1 | - | AXW90016GJ00 | - | |
| (1) | Protection Case A | 1 | - | - | AXW90016GK00 | S'pore Re-export |
| (1) | Protection Case A | 1 | - | - | AxW90016GH00 | S'pore Domestic |
| (1) | Protection Case A | 1 | - | - | AXW90016GG00 | Middle East |
| 2 | Corner Cushion | 4 | AXW92156EW00 | AXW92156EW00 | AXW92156EW00 | |
| 3 | Adhesive Tape C | 2 | AXW903315210 | AXW903315210 | AXW903315210 | |
| 4 | Stock Card | 1 | AXW99185S200 | AXW99185S200 | AXW99185S200 | |
| (4) | Stock Card | 1 | - | - | AXW99186BG00 | |
| 5 | Protection Case B | 1 | AXW90026FK00 | AXW90026FK00 | AXW90026FK00 | |
| 6 | Polyethylene Cover | 1 | AXW90606EW00 | AXW90606EW00 | AXW90606EW00 | |
| 7 | Operating Instruction | 1 | AXW99016GM00 | - | - | |
| (7) | Operating Instruction | 1 | - | AXW99016GJ00 | - | |
| (7) | Operating Instruction | 1 | - | - | AXW99016GK00 | S'pore Dom/Re-exp |
| (7) | Operating Instruction | 1 | - | - | AXW99016GG00 | Middle East |
| 8 | Spin Tub Supporter | 1 | AXW90546EW00 | AXW90546EW00 | AXW90546EW00 | |
| 9 | Adhesive Tape C | 1 | AXW903315210 | AXW903315210 | AXW903315210 | |
| 10 | Feed Valve Joint B Unit | 1 | AXW1215U801F | AXW1215U801F | AXW1215U801F | |
| 11 | Pressure Hose Unit | 1 | AXW12C77000F | AXW12C77000F | AXW12C77000F | |
| 12 | Hose Clamp | 1 | AXW02456FK00 | AXW02456FK00 | AXW02456FK00 | |
| 13 | Flexible Hose B Unit | 1 | AXW002E6FK00 | AXW002E6FK00 | AXW002E6FK00 | |
| 14 | Accessories Bag | 1 | AXW905777030 | AXW905777030 | AXW905777030 | |
| 15 | Side Cushion | 1 | AXW90046FK00 | AXW90046FK00 | AXW90046FK00 | |
| 16 | Polyethyleen Band | 3 | AXW909520200 | AXW909520200 | AXW909520200 | |
| 17 | Lid Sheet | 1 | AXW90696FK00 | AXW90696FK00 | AXW90696FK00 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 18 | Pad Packing | 1 | AXW90076EW00 | AXW90076EW00 | AXW90076EW00 | |
| 19 | Washboard Bag | 1 | AXW90576BA00 | AXW90576BA00 | AXW90576BA00 | |
| 20 | Washboard Unit | 1 | AXW002W6BA0E | AXW002W6BA0E | AXW002W6BA0E | |
| 21 | Staple | 4 | AXW904102400 | AXW904102400 | AXW904102400 | |